

# SEQUENCE LISTING

<110> He et al.  
 <120> Interleukin-1 Beta Converting Enzyme Like Apoptosis Protease 3 and 4  
 <130> PF140  
 <140> US 08/334,251  
 <141> 1994-11-01  
 <160> 12  
 <170> PatentIn version 3.0  
 <210> 1  
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 <212> DNA  
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<400> 2

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 35 40 45  
 Lys Thr Thr Arg Asp Arg Val Pro Thr Tyr Gln Tyr Asn Met Asn Phe  
 50 55 60  
 Glu Lys Leu Gly Lys Cys Ile Ile Ile Asn Asn Lys Asn Phe Asp Lys  
 65 70 75 80  
 Val Thr Gly Met Gly Val Arg Asn Gly Thr Asp Lys Asp Ala Glu Ala  
 85 90 95  
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 100 105 110  
 Asp Cys Ser Cys Ala Lys Met Gln Asp Leu Leu Lys Lys Ala Ser Glu  
 115 120 125  
 Glu Asp His Thr Asn Ala Ala Cys Phe Ala Cys Ile Leu Leu Ser His  
 130 135 140  
 Gly Glu Glu Asn Val Ile Tyr Gly Lys Asp Gly Val Thr Pro Ile Lys  
 145 150 155 160  
 Asp Leu Thr Ala His Phe Arg Gly Asp Arg Cys Lys Thr Leu Leu Glu  
 165 170 175  
 Lys Pro Lys Leu Phe Phe Ile Gln Ala Cys Arg Gly Thr Glu Leu Asp  
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 Asp Ala Ile Gln Ala Asp Ser Gly Pro Ile Asn Asp Thr Asp Ala Asn  
 195 200 205  
 Pro Arg Tyr Lys Ile Pro Val Glu Ala Asp Phe Leu Phe Ala Tyr Ser  
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 Thr Val Pro Gly Tyr Tyr Ser Trp Arg Ser Pro Gly Arg Gly Ser Trp  
 225 230 235 240

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Glu Ile Met Gln Ile Leu Thr Arg Val Asn Asp Arg Val Ala Arg His  
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<213> Homo sapiens

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gccgtgagga gttagcgagc cctgctcaca ctcggcgctc tgggttttcgg tgggtgtgcc 180  
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tcagtggatt caaaatccat taaaaatttg gaaccaaaga tcatacatgg aagcgaatca 300  
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Leu	Asp	Asn	Ser	Tyr	Lys	Met	Asp	Tyr	Pro	Glu	Met	Gly	Leu	Cys	Ile	35	40	45	
Ile	Ile	Asn	Asn	Lys	Asn	Phe	His	Lys	Ser	Thr	Gly	Met	Thr	Ser	Arg	50	55	60	
Ser	Gly	Thr	Asp	Val	Asp	Ala	Ala	Asn	Leu	Arg	Glu	Thr	Phe	Arg	Asn	65	70	75	80
Leu	Lys	Tyr	Glu	Val	Arg	Asn	Lys	Asn	Asp	Leu	Thr	Arg	Glu	Glu	Ile	85	90	95	
Val	Glu	Leu	Met	Arg	Asp	Val	Ser	Lys	Glu	Asp	His	Ser	Lys	Arg	Ser	100	105	110	
Ser	Phe	Val	Cys	Val	Leu	Leu	Ser	His	Gly	Glu	Glu	Gly	Ile	Ile	Phe	115	120	125	
Gly	Thr	Asn	Gly	Pro	Val	Asp	Leu	Lys	Lys	Ile	Thr	Asn	Phe	Phe	Arg	130	135	140	
Gly	Asp	Arg	Cys	Arg	Ser	Leu	Thr	Gly	Lys	Pro	Lys	Leu	Phe	Ile	Ile	145	150	155	160
Gln	Ala	Cys	Arg	Gly	Thr	Glu	Leu	Asp	Cys	Gly	Ile	Glu	Thr	Asp	Ser	165	170	175	
Gly	Val	Asp	Asp	Asp	Met	Ala	Cys	His	Lys	Ile	Pro	Val	Glu	Ala	Asp	180	185	190	
Phe	Leu	Tyr	Ala	Tyr	Ser	Thr	Ala	Pro	Gly	Tyr	Tyr	Ser	Trp	Arg	Asn	195	200	205	
Ser	Lys	Asp	Gly	Ser	Trp	Phe	Ile	Gln	Ser	Leu	Cys	Ala	Met	Leu	Lys	210	215	220	
Gln	Tyr	Ala	Asp	Lys	Leu	Glu	Phe	Met	His	Ile	Leu	Thr	Arg	Val	Asn	225	230	235	240
Arg	Lys	Val	Ala	Thr	Glu	Phe	Glu	Ser	Phe	Ser	Phe	Asp	Ala	Thr	Phe	245	250	255	
His	Ala	Lys	Lys	Gln	Ile	Pro	Cys	Ile	Val	Ser	Met	Leu	Thr	Lys	Glu	260	265	270	
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<210> 5  
<211> 31  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Contains a Bam HI restriction enzyme site

<400> 5  
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<210> 6  
<211> 31  
<212> DNA  
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<220>  
<223> Contains complementary sequences to an Xba I site

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<210> 7  
<211> 31  
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<220>  
<223> Contains a Bam HI restriction enzyme site

<400> 7  
gatcggatcc atggagaaca ctgaaaactc a 31

<210> 8  
<211> 31  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Contains complementary sequences to an Xba I site

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<210> 9  
<211> 22  
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<223> Contains the ICE-LAP-3 translational initiation site ATG

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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Contains translation stop codon and an HA tag

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<212> DNA  
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<223> Contains the ICE-LAP-4 translational initiation site, ATG

<400> 11  
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<210> 12  
<211> 53  
<212> DNA  
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<220>  
<223> Contains translation stop codon and an HA tag

<400> 12  
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